https://wszystkodobasenow.pl/fairland

Common RS485 Commands, For Your Reference

1st - Write Commands

NO.	Command Type	Command Content	Remarks
1	Switch on	01 05 00 00 FF 00 8C 3A	/
	Response	01 05 00 00 FF 00 8C 3A	When set successfully, the same content as the command is returned
2	Switch off	01 05 00 00 00 00 CD CA	/
	Response	01 05 00 00 00 00 CD CA	When set successfully, the same content as the command is returned
3	Set Auto	01 06 00 00 00 00 89 CA	/
	Response	01 06 00 00 00 00 89 CA	When set successfully, the same content as the command is returned
4	Set Heating	01 06 00 00 00 01 48 0A	/
	Response	01 06 00 00 00 01 48 0A	When set successfully, the same content as the command is returned
5	Set Cooling	01 06 00 00 00 02 08 0B	/
	Response	01 06 00 00 00 02 08 0B	When set successfully, the same content as the command is returned
6	Set Turbo (Booster) mode	01 06 00 01 00 03 98 B0	(Note: Some models without Turbo (Booster))
	Response	01 06 00 01 00 03 98 B0	When set successfully, the same content as the command is returned
7	Set Smart mode	01 06 00 01 00 00 D8 0A	/
	Response	01 06 00 01 00 00 D8 0A	When set successfully, the same content as the command is returned
8	Set Silence mode	01 06 00 01 00 01 19 CA	/
	Response	01 06 00 01 00 01 19 CA	When set successfully, the same content as the command is returned
9	Set target water temp under Auto	01 06 00 02 **00 19** E9 C0	The 5th and 6th bytes represent 25 degrees in hexadecimal
	Response	01 06 00 02 **00 19** E9 C0	The 5th and 6th bytes represent 25 degrees in hexadecimal
10	Set target water temp under Heating	01 06 00 03 **00 19** B8 00	The 5th and 6th bytes represent 25 degrees in hexadecimal
	Response	01 06 00 03 **00 19** B8 00	The 5th and 6th bytes represent 25 degrees in hexadecimal
11	Set target water temp under Cooling	01 06 00 04 **00 19** 09 C1	The 5th and 6th bytes represent 25 degrees in hexadecimal
	Response	01 06 00 04 **00 19** 09 C1	The 5th and 6th bytes represent 25 degrees in hexadecimal

2nd - Read Commands

NO.	Command Type	Command Content	Remarks
1	Read the heat pump status	01 02 00 00 00 30 78 1E	/
	Response	01 02 06 00 00 00 00 00 01 21 79	Bit 8 of the 4th byte represents on/off Bit 7 represents defrost, 0: off, 1: on
2	Read failure	01 02 00 30 00 30 78 11	/
	Response	01 02 06 00 00 00 00 00 01 21 79	Each bit of the 4th byte represents E0~E7. Each bit of the 5th byte represents E8~ED. Each bit of the 6th byte represents P0~P9. Each bit of the 7th byte represents P8~PA. Each bit of the 8th byte represents F0~F7. Each bit of the 9th byte represents F8~Fb. Each bit: 0 - no failure, 1 - with failure.
3	Read Mode & Setting temp of Auto	01 03 00 00 00 03 05 CB	/
	Response	01 03 06 00 01 00 01 00 01 8C B5	The 4th and 5th bytes represent Mode 1: 0-Auto, 1-Heating, 2-Cooling. The 6th and 7th bytes represent Mode 2: 0-Smart, 1-Silence, and 3-Turbo. (Note: Some models without Turbo (Booster)) The 8th and 9th bytes represent the set temperature of Auto.
4	Read Setting temp	01 03 00 03 00 03 F5 CB	
	Response	01 03 06 00 01 00 01 00 01 8C B5	The 4th and 5th bytes represent the heating mode temperature setting. The 6th and 7th bytes represent the cooling mode temperature setting.
5	Read Running Percentage	01 04 00 00 00 03 B0 0B	/
	Response	01 04 06 00 01 00 01 00 01 CD 53	The 4th and 5th bytes represent the Running Percentage
6	Read Outlet Water Temp	01 04 00 03 00 03 40 0B	/
	Response	01 04 06 00 01 00 01 00 01 CD 53	The 6th and 7th bytes represent the Outlet Water Temp

※ Note: The last two bytes of each command represent the CRC16 checksum of all the preceding bytes, varying accordingly depending on the parameters set.